



Planetary Analog Site Evaluation Card

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SITE Beverly Sand Dunes, WA

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LOCATION **Country:** USA **State:** Washington
Coordinates: 46 49.8' N 119 53.5' W **Elevation:** 500ft
Nearest Airfield: Seattle, WA **Distance:** 130 miles
Map:



DESCRIPTION:

Environment: Sand Dune

Facility: None

Crew: N/A

Experiments: Surface Ops

Vehicles: 4WD

Open: Year-round

HISTORY

NASA Involvement:

External Partners:

FIGURES OF MERIT

Site value: 1 (low) to 5 (high)

Aspect	Details	Comment	1-5
EXPLORATION			
Environment	T, P, RH, Insolation, Radiation,...	?	?
Topography	Available Area / Traverse Range	300 acres (dune)	3
	Slopes	Rolling	3
Terrain	Block/Particle Size & Shape Distrib	Sand with some gravel	3
	Physical Properties	mostly loose sand	3
	Vegetation	limited amounts	4
Subsurface	Structure (Layered, Massive,...)	?	3
SCIENCE			
Geology	Composition (Mineral., Geochem.)	sand dune	2
	Features (Surface, Subsurface)	?	?
	Processes (Impact, Volcanism,...)	Wind	?
Biology	Astrobiology (Extremophiles,...)	?	?
ACCESS			
Logistics	Airport (Major)	Seattle 130 miles	2
	Road	Paved within 0.25 mile	4
	Logistics Infrastructure Base Site	None at site	1
	Water & Food	Far away	1
	Power	Need to provide	3
	Comms	Need to provide	3
	Lodging	50 minutes	2
	Vehicles	4WD required	?
	Waste Disposal	Need to provide	3
	Weather (T Range, Rain?)	Ave 55-81F dry	5
Safety	Search & Rescue	Remote site	2
	Medical Support, Hospital	Remote site	2
Security	Controlled Access	None	2
E/PO - PA	Education	?	?
	Public Outreach - Visual Appeal	?	5
	Media	?	?
Permits	Access & Land Use Permits	None needed?	4
Partners	Partner Organizations / Leveraging	Sheriff's department	4
References	Maps, GIS Data, Publications	Grant County	4

EVALUATION SUMMARY

300 acre sand dune. Long and thin, Soft soil. Rolling terrain. Vegetated. Non-secure site. Far from airport and cities.